

Approved for use through 10/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

**Complete if Known**

|                    |            |
|--------------------|------------|
| Application Number | 10/606.751 |
|--------------------|------------|

|             |               |
|-------------|---------------|
| Filing Date | June 27, 2003 |
|-------------|---------------|

|                      |              |
|----------------------|--------------|
| First Named Inventor | Magdy Younes |
|----------------------|--------------|

### Art Unit

Examiner Name \_\_\_\_\_

|                        |                 |
|------------------------|-----------------|
| Attorney Docket Number | 11788-7 MIS/ddl |
|------------------------|-----------------|

|       |   |    |   |
|-------|---|----|---|
| Sheet | 1 | of | 2 |
|-------|---|----|---|

## U. S. PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>o</sup> |
|                          |                          | Country Code <sup>2</sup> *Number <sup>4</sup> *Kind Code <sup>3</sup> (if known) |                                   |  |   |                |
| /TM/                     |                          | WO 00/45881   | 08-10-2000                        | University Florida                                 |   |                |
|                          |                          |   |                                   |  |   |                |
|                          |                          |   |                                   |  |   |                |
|                          |                          |   |                                   |  |   |                |
|                          |                          |   |                                   |  |   |                |
|                          |                          |   |                                   |  |   |                |
|                          |                          |   |                                   |  |   |                |

|                       |                  |                    |            |
|-----------------------|------------------|--------------------|------------|
| Examiner<br>Signature | /Teena Mitchell/ | Date<br>Considered | 10/24/2007 |
|-----------------------|------------------|--------------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/B TO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Complete if Known**

|                               |                |
|-------------------------------|----------------|
| <b>Application Number</b>     | 10/606,751     |
| <b>Filing Date</b>            | June 27, 2003  |
| <b>First Named Inventor</b>   | Magdy Younes   |
| <b>Art Unit</b>               |                |
| <b>Examiner Name</b>          |                |
| <b>Attorney Docket Number</b> | 11788-7 MIS/dc |

|       |   |    |   |
|-------|---|----|---|
| Sheet | 2 | of | 2 |
|-------|---|----|---|

## NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner  
Signature**

Teena Mitchell/

Date  
Considered

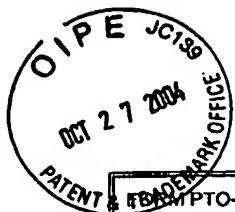
10/24/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.***

Sheet 1 of 1

|  |                                    |                          |
|--|------------------------------------|--------------------------|
| PTO-1449<br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT | ATTY. DOCKET NO.<br>11788-7 MIS:ac | SERIAL NO.<br>10/606,751 |
|  | APPLICANT<br>Magdy Younes          |                          |
|  | FILING DATE<br>June 27, 2003       | GROUP<br>--              |

## U.S. PATENT DOCUMENTS

| *INITIAL | DOCUMENT NO. | DATE             | NAME               | CLASS | SUBCL. | FILING DATE |
|----------|--------------|------------------|--------------------|-------|--------|-------------|
| /TM/     | 6,305,374    | October 23, 2001 | Zdrojkowski et al. |       |        |             |
|          |              |                  |                    |       |        |             |
|          |              |                  |                    |       |        |             |
|          |              |                  |                    |       |        |             |
|          |              |                  |                    |       |        |             |
|          |              |                  |                    |       |        |             |

## FOREIGN PATENT DOCUMENTS

|   |  | DOCUMENT NO.  | DATE | COUNTRY                     | CLASS | SUBCL. | TRANSLATION |    |
|---|--|---|------|-----------------------------|-------|--------|-------------|----|
|   |  |   |      |                             |       |        | Yes         | No |
|   |  |   |      |                             |       |        |             |    |
|   |  |   |      |                             |       |        |             |    |
|   |  |   |      |                             |       |        |             |    |
|   |  |   |      |                             |       |        |             |    |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b> |  |   |      |                             |       |        |             |    |
| /TM/  |  | Leung, Philip et al. Comparison of assisted ventilator modes on triggering, patient effort, and dyspnea. Vol. 155 pp. 1940-1948, 1997   |      |                             |       |        |             |    |
| /TM/  |  | Yamada, Yoshitsugu and Du, Hong-Ling. Analysis of the mechanisms of expiratory asynchrony in pressure support ventilation: a mathematical approach. J. Appl Physiol Vol. 88, pp. 2143-2150, 2000. |      |                             |       |        |             |    |
| /TM/  |  | Younes, M. Patient-Ventilator Interaction with Pressure-Assisted Modalities of Ventilatory Support. Vol. 14, pp. 299-322, 1993;   |      |                             |       |        |             |    |
|   |  |   |      |                             |       |        |             |    |
| EXAMINER: /Teena Mitchell/  |  |   |      | DATE CONSIDERED: 09/25/2007 |       |        |             |    |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication with applicant.